sharply defined upon the black outer shade, followed by a row of irregular white submarginal spots. The transverse bands of spots on the primaries are repeated upon the secondaries, where they are more regular and the spots more even in size. On the under side both wings are pale red, with the light spots of the upper side reappearing as pale-yellow sharply defined spots. The fringes are checkered black and white.

$.— Much like the male, but larger. Expanse, 3, 1.35-1.50 inch; ?, 1.50-1.75 inch.

Early Stages.—Unknown.

This species is common in Texas. It is identical, as an examination of the type shows, with *M. bollii,* Edwards, and the latter name as a synonym falls into disuse.

(26) Melitaea minuta, Edwards, Plate XVII, Fig. n, <}, *under side;* Fig. 12, $ (The Smaller Checker-spot).

Butterfly, $.—This species is fulvous on the upper side, rather regularly banded with black lines. The veins are also black. The result is that the wings appear to be more regularly checkered than in any other species which is closely allied to this. The markings of the under side are white edged with black, and are shown very well in the plate, so that a lengthy description is unnecessary.

Expanse, $, 1.25-1.35 inch; ?, 1.50-1.60 inch.

Early Stages.—Unknown.

The specific name, *minuta,* is not altogether appropriate. There are many smaller species of the genus. It is found rather commonly in Colorado, Arizona, and New Mexico.

(27) Melitaea arachne, Edwards, Plate XVI, Fig. 22, ? (Arachne).

Butterfly.—I have given in the plate a figure of a female bearing this name in the Edwards collection. It is remarkably pale on the upper side. There is a large series of types and paratypes in the collection, but all of them vary on the upper side of the wings in the intensity of the fulvous ground-color and the width of the black markings. Underneath they are absolutely like *M.*

minuta. I think *M. arachne* is without much doubt a synonym for *M. minuta.* The species varies very greatly. The types are from Colorado and western Texas. Expanse as in *M. minuta.*

Early Stages.—Unknown.

(28) Melitaea nympha, Edwards, Plate XVI, Fig. 21, *$* (Nympha).